



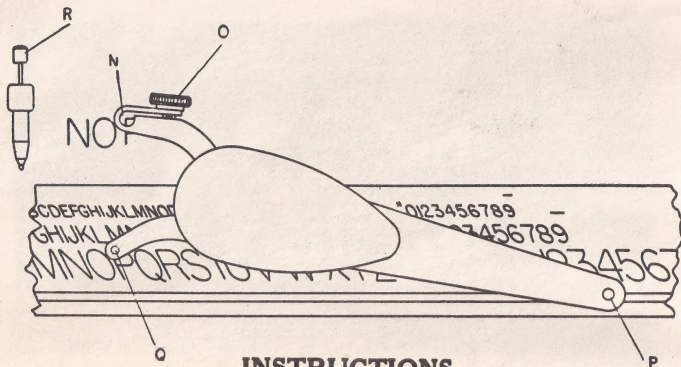
DORIC[®]

LETTERING SET

PAT. 2,616,179

NO. 61 3130

Lettering with DORIC equipment is very simple. The scribe consists of a tailpin (which slides in the long straight groove on the template), a tracer pin (which is moved in the grooves of the letters and numerals on the template), and a socket which holds the pen. As the tracer pin follows the groove of any letter or numeral on the template, that letter or numeral is produced vertically (not slanting as on the template) in the same size on the paper. The lettering is drawn entirely clear of the template, so that there is no risk of smear or smudge.



INSTRUCTIONS

The set consists of

Template 61 3185 with three sizes of capital letters and numerals (.100 in., .140 in. and .240 in. in height).

Scriber 61 3155.

Two pens 61 3165 and 61 3170
(for two thicknesses of line).

Transparent straightedge 61 3195.

Lead Holder 61 3205.

LEROY® Ink Cartridge 58 0005.

To letter

1. Select pen giving desired width of line. (For letter sizes 100 and 140, Pen 61 3165 is recommended, and for letter sizes 240, Pen 61 3170.
2. Insert pen in socket (N) at end of scriber arm until it is home to shoulder. Tighten screw (O).
3. Fill reservoir of pen with lettering ink.

4. Place template along a straightedge or T-Square. If these are not available, the small transparent straightedge in the set will be found convenient.* Place tail pin (P) of scribe in long straight groove of template. Select size of alphabet on template. Place tracer pin (Q) in lowest part of first letter to be drawn. Holding pen point clear of drawing, move template and straightedge up or down until pen point is directly over bottom of first line of lettering to be drawn. Straightedge or T-square is now in position for first line of lettering.
5. With pen still clear of drawing, slide template along straightedge until pen is over position for first letter. Draw letter, holding template and moving tracer pin in groove of letter, with pen resting on drawing surface.
6. To draw the next letter, lift pen from drawing surface and repeat 5 above. Spacing between letters can easily be determined by eye.

* The small transparent straightedge may be fastened to drawing surface with drafting tape secured lengthwise to each end of straightedge as follows:

Cut off two strips of drafting tape, about $1\frac{1}{4}$ inches long. Fasten them endwise together (*adhesive to adhesive*), so that they overlap by about $\frac{1}{4}$ inch, forming a single strip about $2\frac{1}{4}$ inches long, with one exposed adhesive part facing upwards and the other downwards.

Fasten strip lengthwise to end of straightedge on *under side* by the adhesive part facing upwards. The other adhesive part, facing downwards, should project beyond end of straightedge, ready to fasten to drawing surface. Fasten similar strip to other end of straightedge.

7. The short dashes above the A and 9 of each alphabet on the template are for determining the spacing between lines of lettering best proportioned to height of letters. With tracer pin in either of the dashes, and tail pin in straight groove, move template and guide downwards, until pen point is level with bottom of lettering drawn in line above. Template is then in position for next line.
8. The dots in the letter C and the numeral 0 in each alphabet serve to determine the position of the template for centering lettering on a line on the drawing. With tracer pin in either dot, move template and straightedge until pen point is level with line on which lettering is to be centered.

Caution

When pen is filled with ink, do not turn scribe upside down. When not in use, rest scribe arm so as to keep pen tip clear of table.

If pen has been left standing and ink does not flow immediately, lift cleaner (R) slightly to clear pen point. Wipe off any excess ink that may appear at point.

To Clean

Clean pen after each use with running water to prevent clogging. A very small tipped rubber bulb syringe will help. Should tip become clogged, clear it by soaking overnight in LEROY® Cleaning Fluid 61 3117, and rinse with water. For greatest convenience LEROY Cleaning Kit No. 61 3115 is recommended.